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the photographic telescopes on any portion of the heavens he desires.

A dull black finish was given to the tubes of the telescope, and this, contrasting with the brightly polished brass of the clock work and wheels, combines to make the instrument a handsome one. When in place it will be furnished with lenses and plates suited for the work to which it is intended. One operator will be sufficient to manage it, inasmuch as the plates can be placed in readiness before the exposure, and the handling of the telescope will be rendered easy. Professor NEWTON, who is also deeply interested in meteors, will co-operate with Dr. ELKIN. They expect to attain valuable results."—From the *Cleveland Leader*, July 18, 1894.

EXTRACT FROM A LETTER FROM M. FLAMMARION RELATIVE TO THE ECLIPSE COMET OF 1893, AND TO BRIGHT PROJECTIONS ON THE TERMINATOR OF *MARS*.

[*Translation.*]

"OBSERVATORY OF JUVISY, August 28, 1894.

"DEAR MR. HOLDEN:

"As soon as your letter, relating to the small comet detected on the American negatives of the eclipse, was received, I asked for the information which you desired regarding the negatives of the two French expeditions to Senegal. All the plates have been examined with care, but nothing has been found on any of them. Possibly the comet had passed behind or in front of the Sun at the hour of the Senegal observations. Perhaps, again, the meteorological conditions at Senegal were the cause. You know that the atmosphere was [then] very highly illuminated.

"We are now making some interesting observations of *Mars*. During the night of 22 to 23 August, we—M. ANTONIADI and myself—have seen a swelling of the terminator towards 45° Lat. S., and 355° Long., which corresponds to *Noachis*. It seems that there are surely mountains in this place.

* * * * * * *

C. FLAMMARION."

PARTIAL ECLIPSE OF THE MOON, SEPTEMBER 14, 1894.

The *American Ephemeris* gives the following Greenwich Mean times of the phases of the partial eclipse on September 14:

	H.	M.
Moon enters penumbra,	13	58.6
Moon enters shadow,	15	35.6
Middle.of the eclipse,	16	31.6
Moon leaves shadow,	17	27.7
Moon leaves penumbra,	19	4.4

The Pacific Standard times are 8^h slower than the above.

C. D. P.

PLATE OF THE MOON.

The plate of the Moon printed in the present number is from an electrotype kindly presented to the LICK Observatory by Mr. S. S. McCLURE of New York City. It is copied from one of the negatives of the LICK Observatory and has been previously printed in *McClure's Magazine.* E. S. H.

PORTRAIT OF MR. LICK.

The bronze portrait medallion of Mr. LICK at the Observatory, was copied by the half-tone process and printed in No. 33 of these *Publications*, and also on the title-page of Volume III of the *Publications* of the LICK Observatory. As it was not entirely satisfactory, a wood-cut has been made from a negative of the original medallion (taken by Mr. COLTON) by the kindness of the editors of the *Century* magazine, and this is printed in the present number. The wood-cut is a gift from Hon. W. W. LAW to the LICK Observatory. E. S. H.

ILLUSTRATIONS OF THE LICK OBSERVATORY STATION IN CHILE.

The three illustrations (*l*), (*m*), and (*n*), reproduced from photographs taken at the LICK Observatory station in Chile, and primarily intended for the "Report on the Eclipse of April 16, 1893," to be issued by the LICK Observatory, are here published in advance for the benefit of the members of the Society.

Plate (*l*) represents the first general view of the mining camp which the traveler obtains in following the trail from the railroad terminus at Merciditas to Mina Bronces.